

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013947.D
 Acq On : 11 Dec 2019 16:22
 Operator : JC/SP
 Sample : K6237-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS037-191209

Quant Time: Dec 12 05:31:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

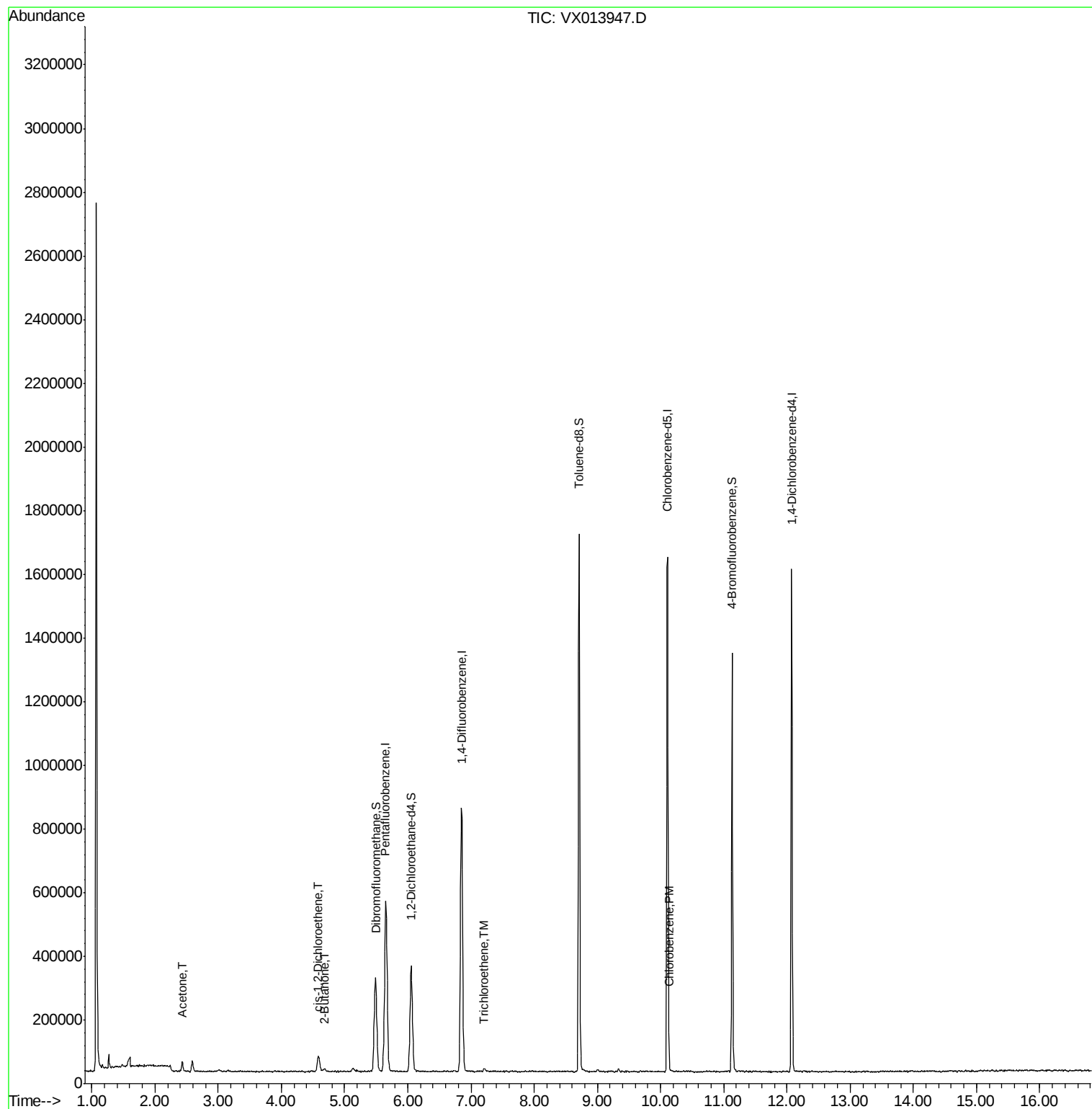
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	553813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	861996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	767510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	328069	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	314414	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
35) Dibromofluoromethane	5.49	113	258635	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
50) Toluene-d8	8.71	98	1018536	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.14	95	338693	45.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.48%	
Target Compounds						
16) Acetone	2.43	43	31553	9.942	ug/l	97
25) 2-Butanone	4.68	43	14845	3.147	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	31966	4.848	ug/l	89
44) Trichloroethene	7.21	130	5103	0.780	ug/l	100
65) Chlorobenzene	10.14	112	6594	0.414	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013947.D

Acq: 11 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

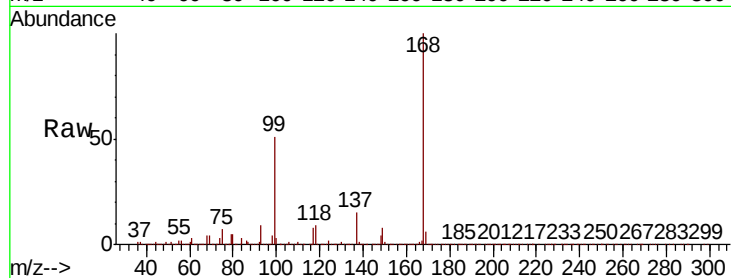
KY038PS037-191209

Tot Ion:168 Resp: 553813

Ion Ratio Lower Upper

168 100

99 51.0 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

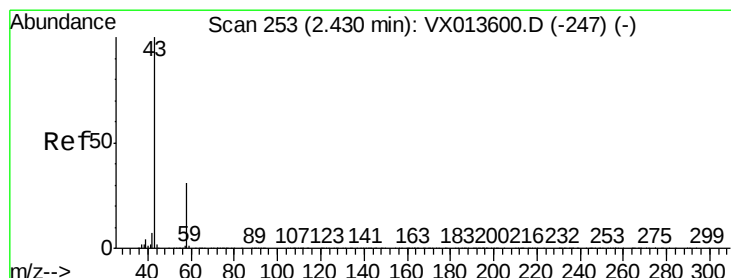
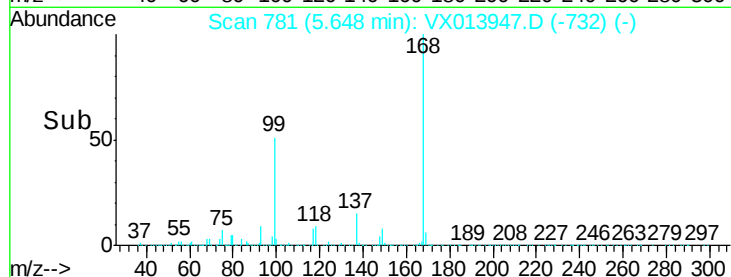
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.942 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013947.D

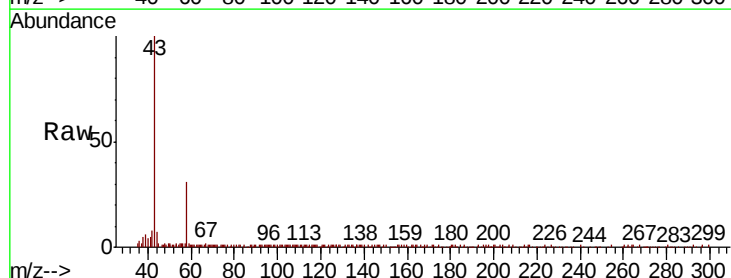
Acq: 11 Dec 2019 16:22

Tgt Ion: 43 Resp: 31553

Ion Ratio Lower Upper

43 100

58 29.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

20000

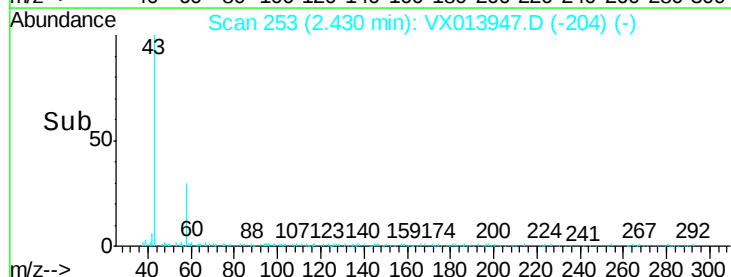
15000

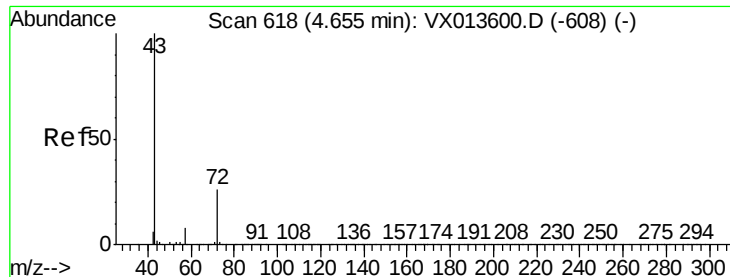
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5000

0

Time-->





#25

2-Butanone

Concen: 3.147 ug/l

RT: 4.68 min Scan# 622

Delta R.T. 0.02 min

Lab File: VX013947.D

Acq: 11 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

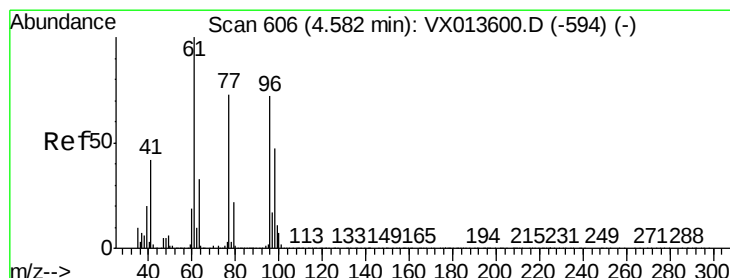
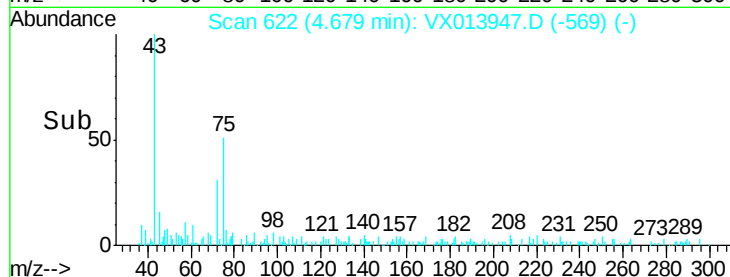
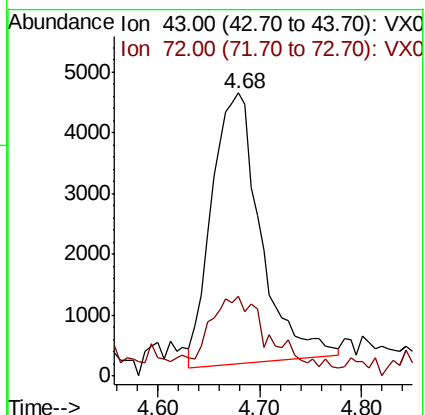
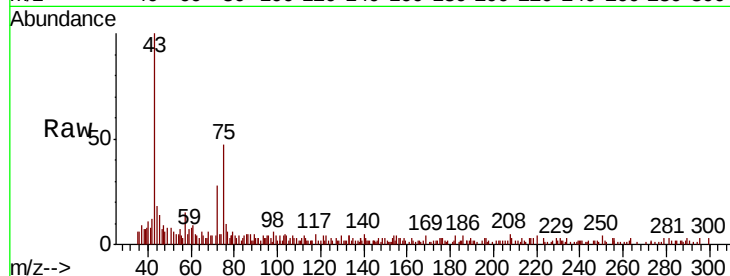
KY038PS037-191209

Tot Ion: 43 Resp: 14845

Ion Ratio Lower Upper

43 100

72 28.3 20.6 31.0



#27

cis-1,2-Dichloroethene

Concen: 4.848 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013947.D

Acq: 11 Dec 2019 16:22

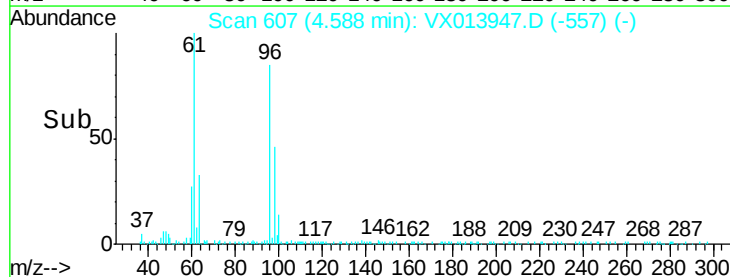
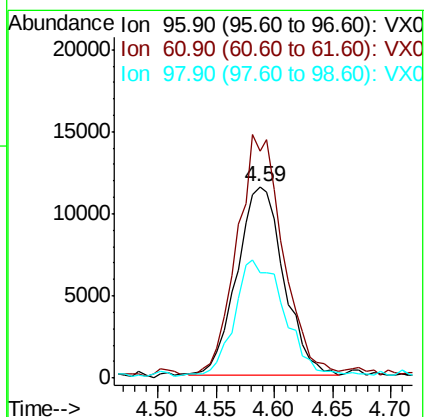
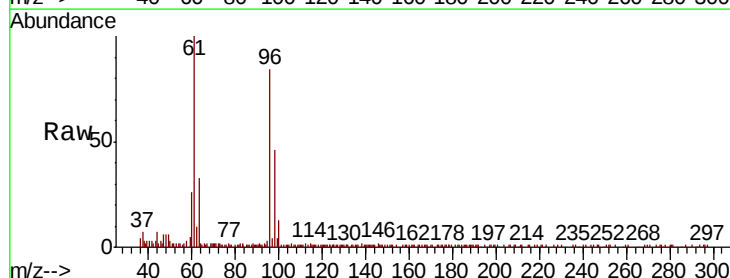
Tgt Ion: 96 Resp: 31966

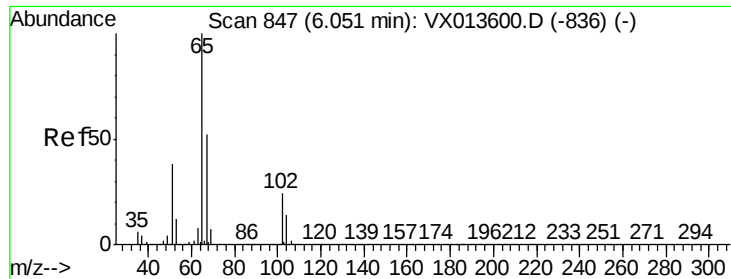
Ion Ratio Lower Upper

96 100

61 125.7 0.0 286.4

98 67.6 0.0 127.4





#33

1,2-Dichloroethane-d4

Concen: 48.909 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013947.D

Acq: 11 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

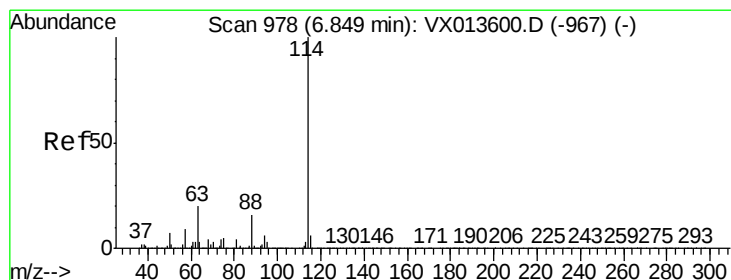
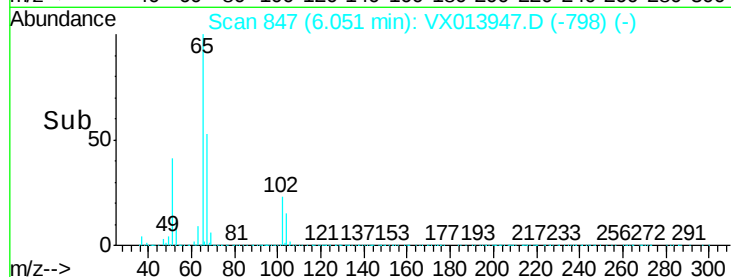
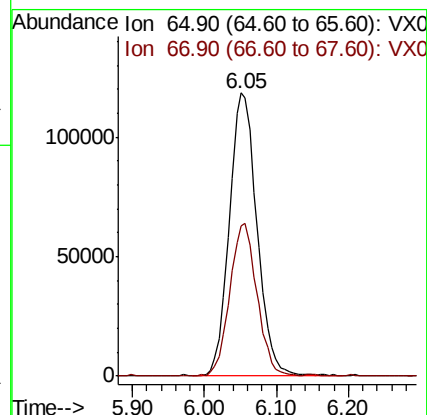
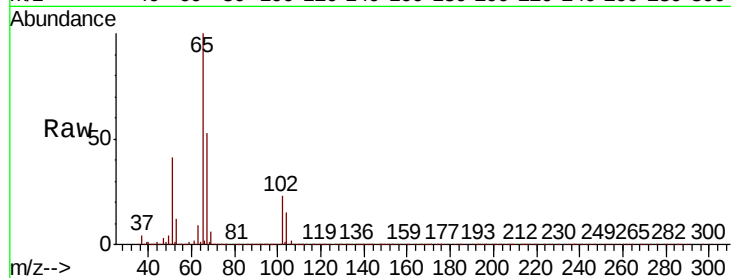
KY038PS037-191209

Tot Ion: 65 Resp: 314414

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013947.D

Acq: 11 Dec 2019 16:22

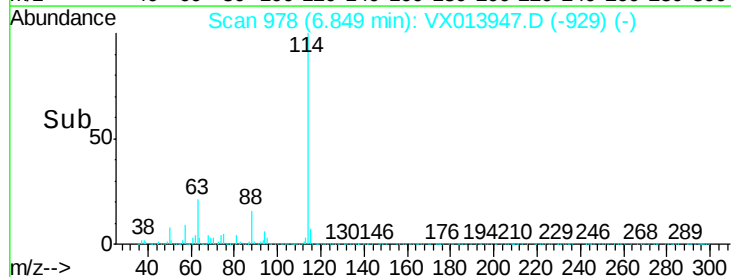
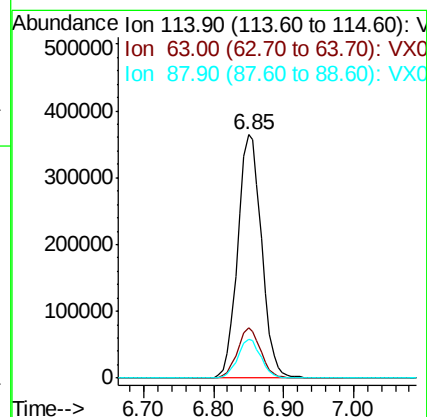
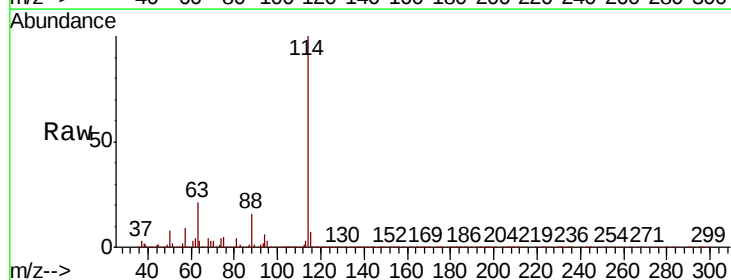
Tgt Ion: 114 Resp: 861996

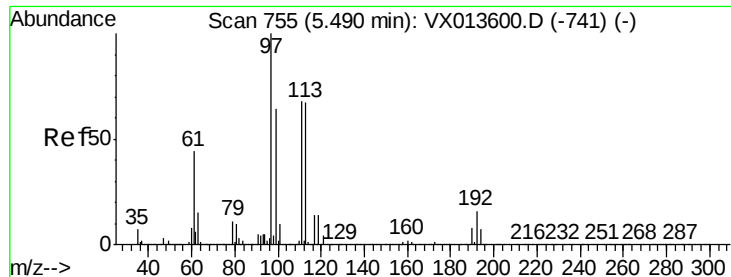
Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.6

88 15.9 0.0 31.4

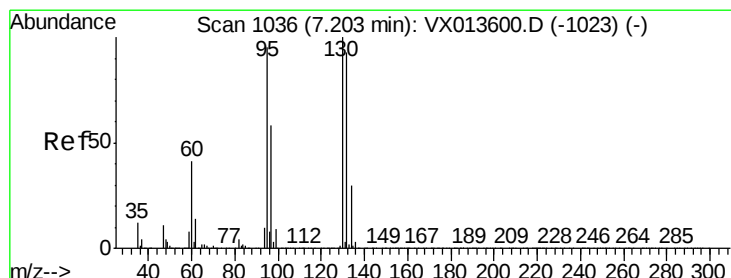
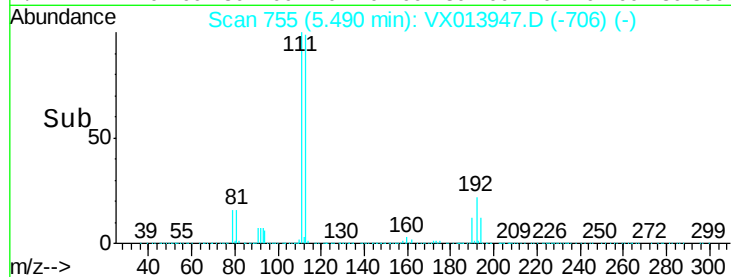
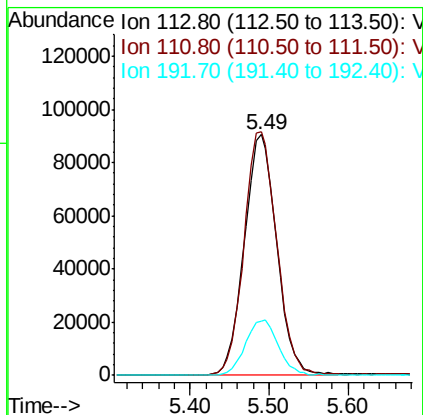
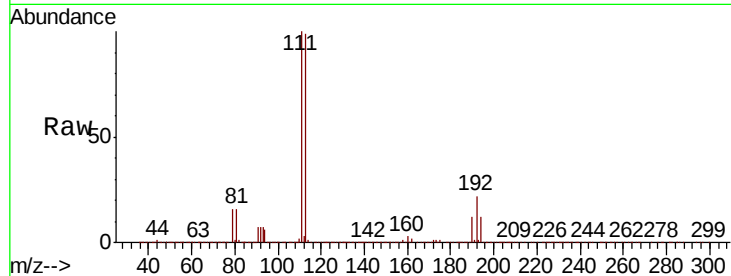




#35
Dibromofluoromethane
Concen: 48.534 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013947.D
Acq: 11 Dec 2019 16:22

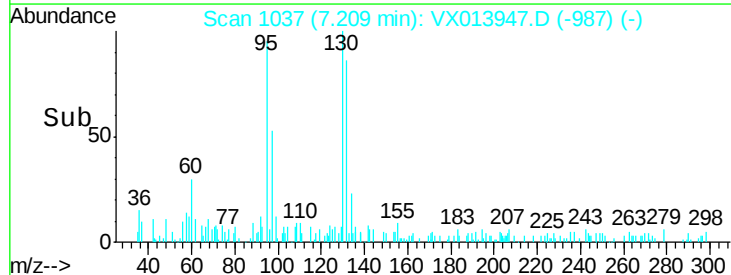
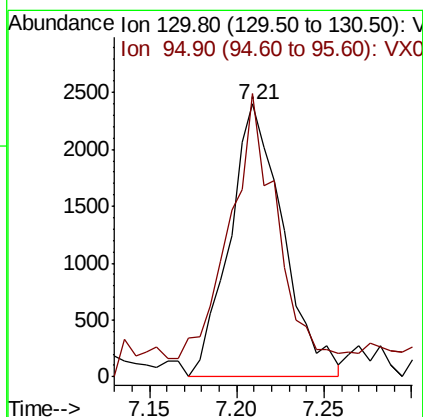
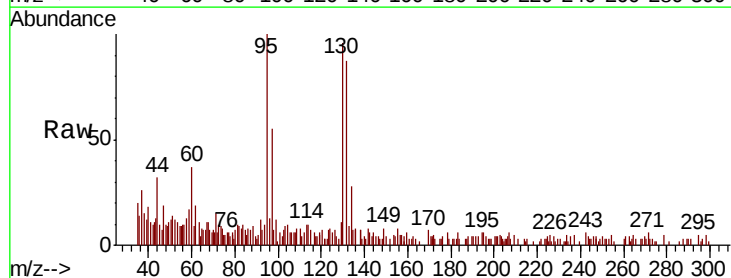
Instrument :
MSVOA_X
ClientSampleId :
KY038PS037-191209

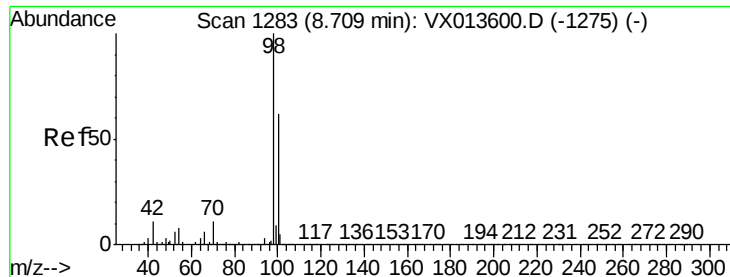
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.6	125.4
192	23.2	19.2	28.8



#44
Trichloroethene
Concen: 0.780 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013947.D
Acq: 11 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	190.8





#50

Toluene-d8

Concen: 49.057 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013947.D

Acq: 11 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

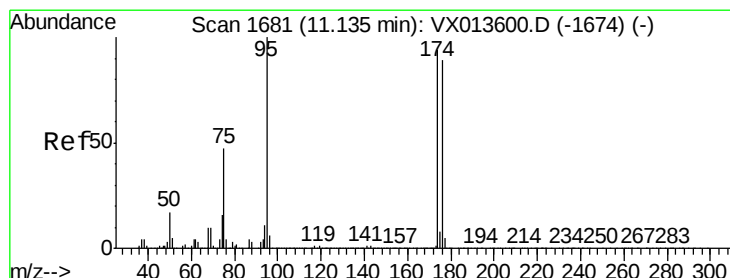
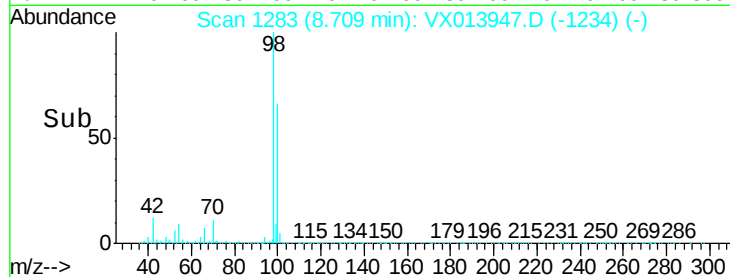
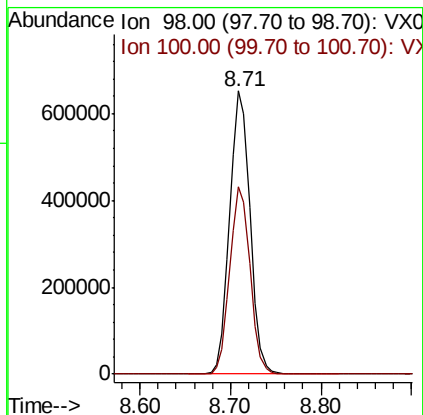
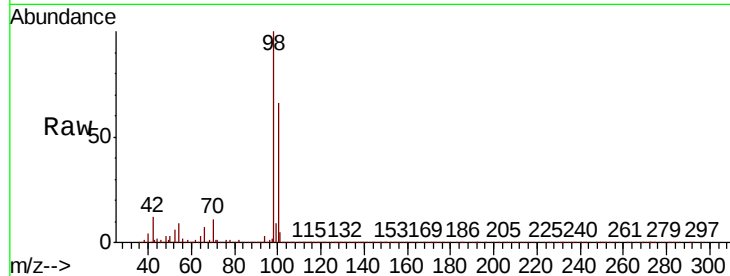
KY038PS037-191209

Tot Ion: 98 Resp: 1018536

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.238 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013947.D

Acq: 11 Dec 2019 16:22

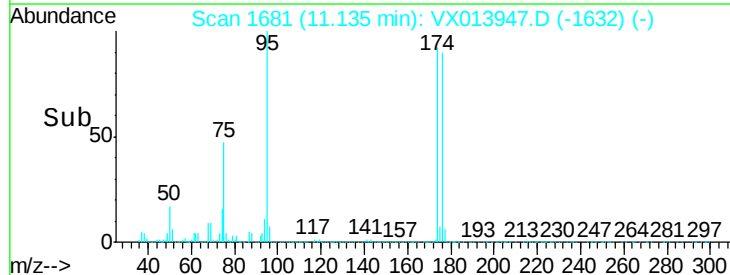
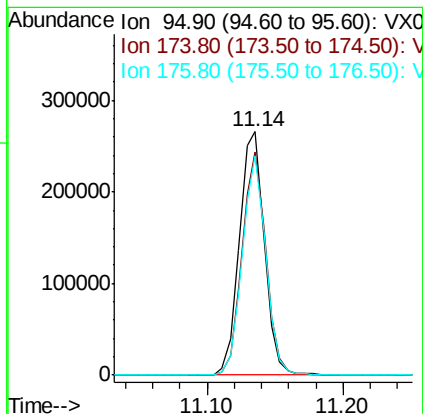
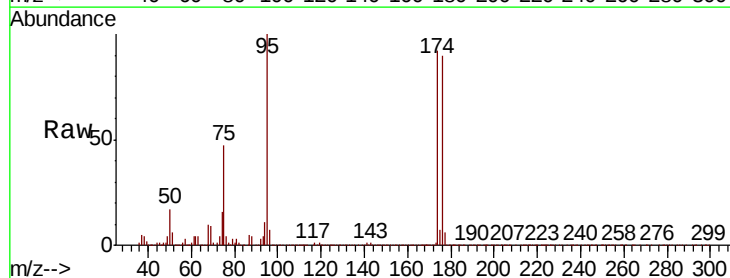
Tgt Ion: 95 Resp: 338693

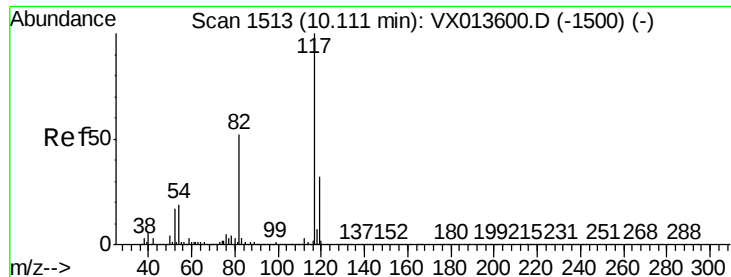
Ion Ratio Lower Upper

95 100

174 88.0 0.0 180.0

176 85.4 0.0 173.6

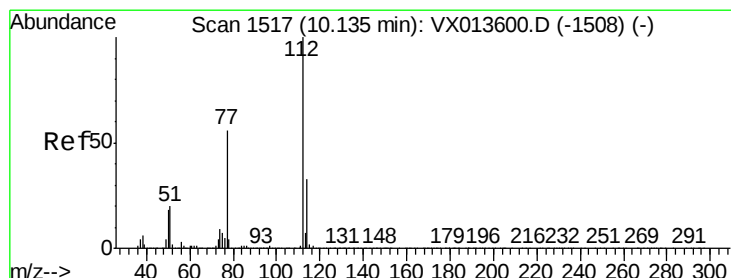
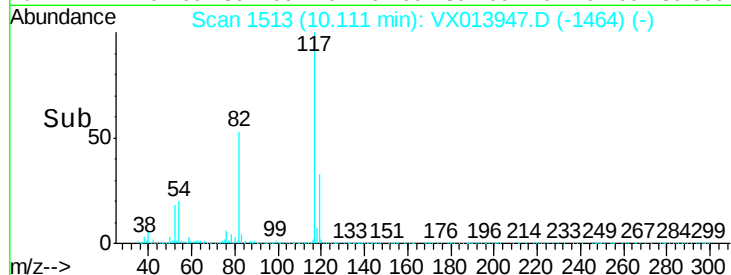
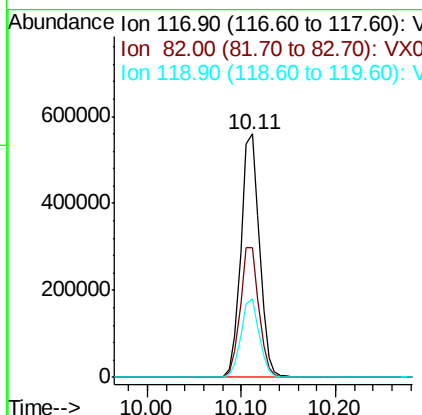
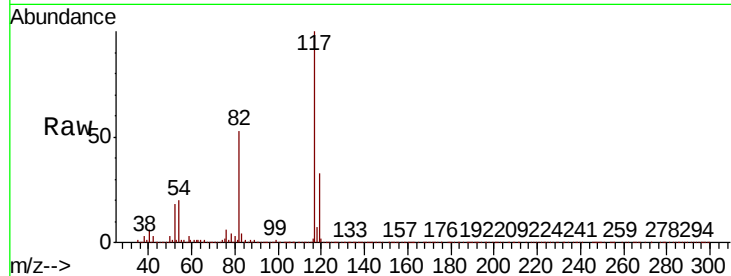




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013947.D
Acq: 11 Dec 2019 16:22

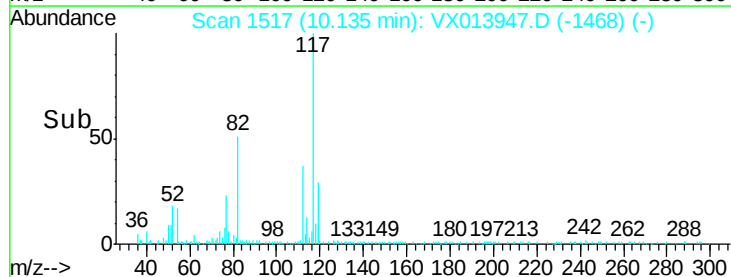
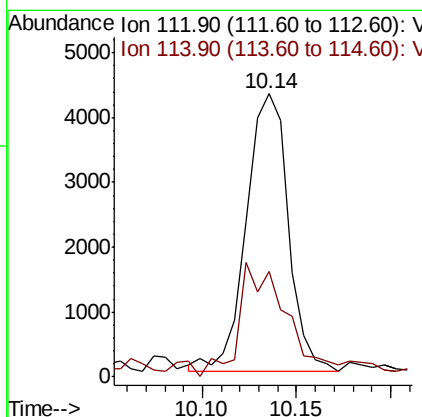
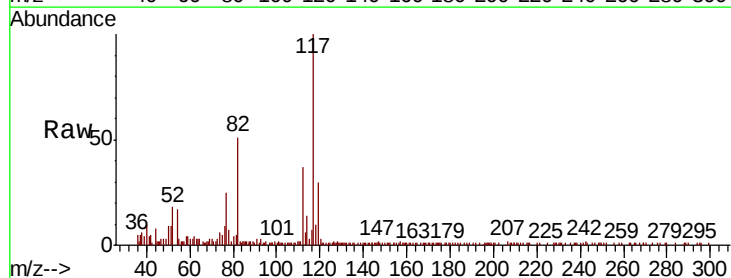
Instrument :
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ClientSampleId :
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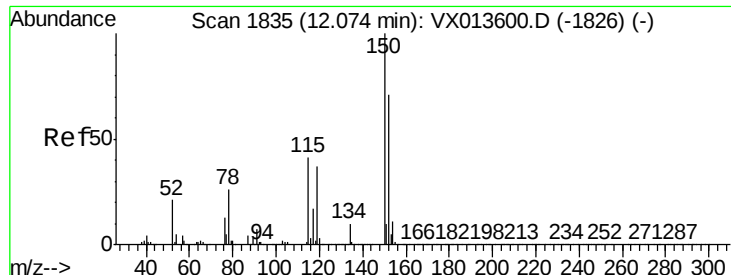
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.8	62.8
119	32.5	25.8	38.8



#65
Chlorobenzene
Concen: 0.414 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013947.D
Acq: 11 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.8	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013947.D

Acq: 11 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

KY038PS037-191209

Tot Ion:152 Resp: 328069

Ion Ratio Lower Upper

152 100

115 55.2 38.4 115.1

150 157.3 0.0 346.8

